

## APPROVAL PAGE

Approval of the Graduate School of Telkom University

Date: 28 September 2022



(Dr. Z.K. Abdurahman Baizal, S.Si, M.Kom)

Dean of Graduate School of Telkom University

I certify that this thesis satisfies all the requirements as a thesis for the degree of Master Informatics/Telecommunication Engineering.

Date: 28 September 2022

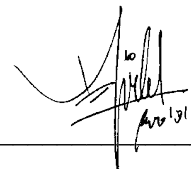
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(Dr. Setyorini, S.T., M.T)

Head of Informatics/Telecommunication Engineering

This is to certify that we have read this thesis and that in our opinion it is fully adequate, in scope and quality, as a thesis for the degree of Master of Informatics/Telecommunication Engineering.

Date: 29 September 2022



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Co-Supervisor



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Supervisor

Examining Committee Members

Date: 29 September 2022

(Dr. Arie Ardiyanti) (Chairperson of the jury) \_\_\_\_\_

(Dr. Ade Romadhony) (jury's member)



(Kemas Rahmat Saleh, Ph.D) (jury's member)

